CONTAINER FOR COLLECTING REJECTED ARTICLES IN A WEIGHT CHECKING MACHINE

ABSTRACT

The container is for a weight checking machine comprising an article feed line (11, 12, 13), and an expulsion means (15) arranged to transversely propel individual articles (9') sideways for their expulsion from the line as the result of a weight check; the container (20) has a lower region (22) for collecting the rejected articles and a reception mouth (21) disposed in correspondence with the point at which the articles (9') are expelled, and is characterised in that said reception mouth (21) is positioned to the side of and at the same level as the article lying on the feed line (13), in a position opposite and facing the expulsion means (15), the container (20) also comprising, facing the expulsion means (15), a concave curved surface (23) arranged to accompany the rejected articles (9') into the collection region (22) and extending from the upper end of the reception mouth (21); the profile of the curved surface (23) is arranged to intercept the trajectory (A) of the article propelled by the expulsion means and to form with this trajectory a relatively small angle, and then to proceed downwards along a path such that the article, by virtue of the kinetic thrust which it possesses, slides in a manner substantially adhering to the surface (23) itself.